

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant | : Steven D. SLONAKER | Group Art Unit: 2128 |
| Appln. No. | : 10/538,763 | Examiner: Kibrom K. Gebresilassie |
| Filed | : June 10, 2005 | Confirmation No.: 5550 |

For : **METHOD AND SYSTEM FOR RECONSTRUCTING ABERRATED
IMAGE PROFILES THROUGH SIMULATION**

AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In response to the non-final Office Action dated December 26, 2008, and the Examiner Interviews of February 10, 2009 and February 20, 2009, reconsideration and withdrawal of the rejections made therein is respectfully requested, in view of the following amendments and remarks.

Amendments to the Claims begins on page 2.

Remarks begin on page 14.

If extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Deposit Account No. 19-0089.